



Certificate of Analysis

SPECIFICATION OF PEG-400 (Poly Ethylene Glycol)

Characteristics	Specifications
vapor density	>1 (vs air)
vapor pressure	<0.01 mmHg (20 °C)
autoignition temp.	581 °F
mol wt	average M_w 380-420 g/mol (from OH-value (56100*2/OHZ))
impurities	reducing substances, complies
sulfated ash	≤0.1%
ethylene glycol and diethylene glycol(sum)	≤0.25%
g acetic acid(per 100 g),	≤0.5
lead(verified on random samples only)	≤1 ppm
water,	≤1.0%,
ethylene oxide	≤1 ppm
dioxin	≤10 ppm
formaldehyde	≤15 ppm
heavy metals	≤5 ppm
ethylene glycol	≤620 ppm
pH	4.5-7.0 (50 g/L)
viscosity	105-130 mPa.s(20 °C)(6.8-8.0 CS (98.9°C)
hydroxyl value	267-295 mg KOH/g
solubility	H ₂ O: soluble10%, clear, colorless

For any further clarification in this regards please do feel free to contact us at any point of time at info@arrowfinechemicals.com.

Assuring you great attention at all times.

For Arrow Fine Chemicals

Quality Assurance Department

** Note : This is a computer generated report hence not needed to sign.

